



# Quality Control Report

LAFAYETTE LABORATORY  
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SUNOCO, INC  
ACTON, MA

Analysis: Sulfide, Total  
Method: M4500-S D

WorkOrder: 08031008  
Lab Batch ID: R175222

## Method Blank

RunID: WET\_080326R-2575877 Units: mg/L  
Analysis Date: 03/26/2008 10:50 Analyst: KDS

## Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08031008-05D	MW-3D
08031008-06D	GES-4

Analyte	Result	Rep Limit
Sulfide	ND <	0.050

## Laboratory Control Sample (LCS)

RunID: WET\_080326R-2575878 Units: mg/L  
Analysis Date: 03/26/2008 10:50 Analyst: KDS

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Sulfide	0.250	0.235	94.0	90	110

## Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08031008-05  
RunID: WET\_080326R-2575880 Units: mg/L  
Analysis Date: 03/26/2008 10:50 Analyst: KDS

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Sulfide	ND <	0.25	0.275	110	0.25	0.268	107	2.58	20	80	120

**Qualifiers:** ND/U - Not Detected at the Reporting Limit MI - Matrix Interference  
B/V - Analyte detected in the associated Method Blank D - Recovery Unreportable due to Dilution  
J - Estimated value between MDL and PQL \* - Recovery Outside Advisable QC Limits  
E - Estimated Value exceeds calibration curve  
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.  
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

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